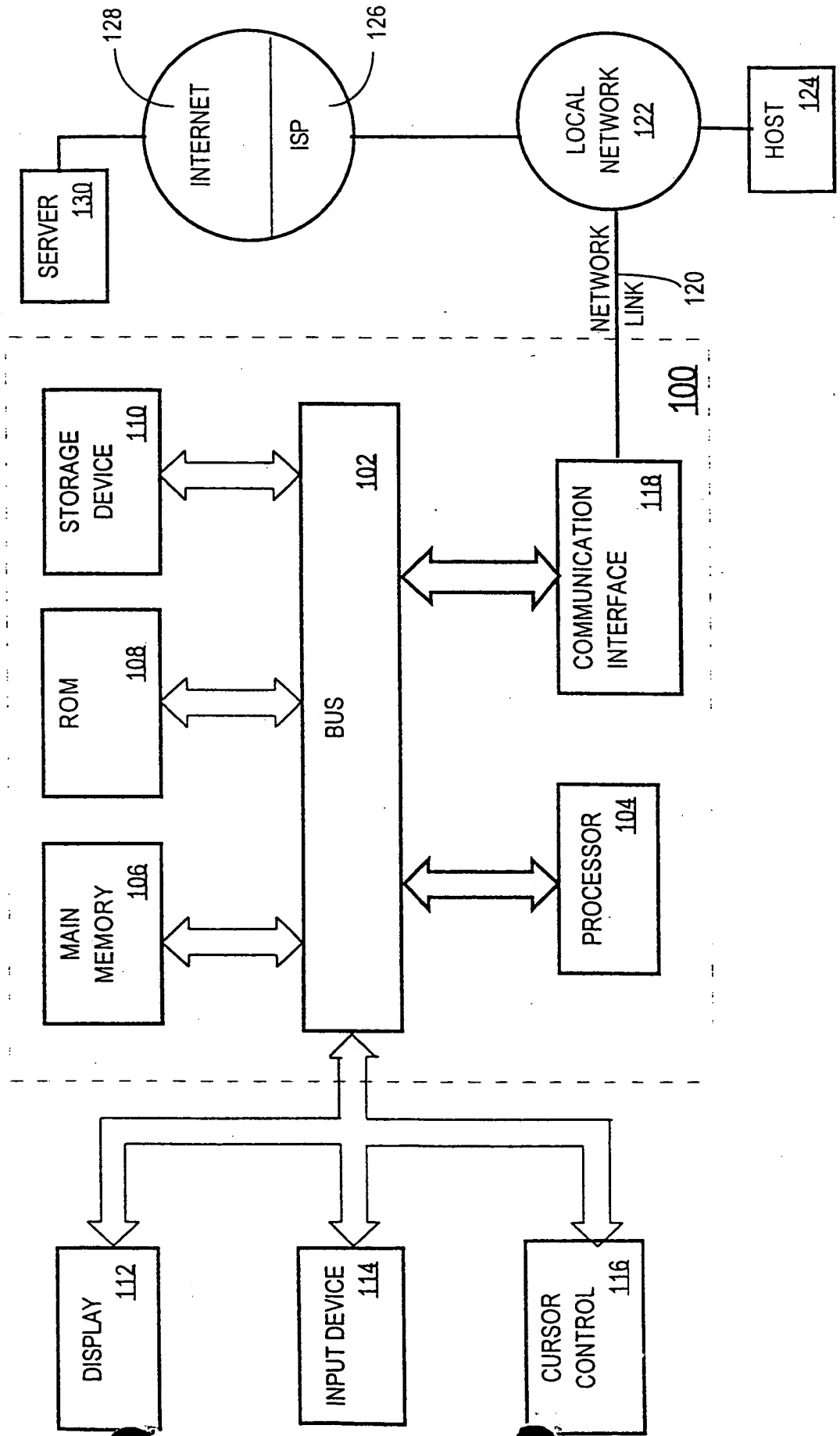


FIG. 1

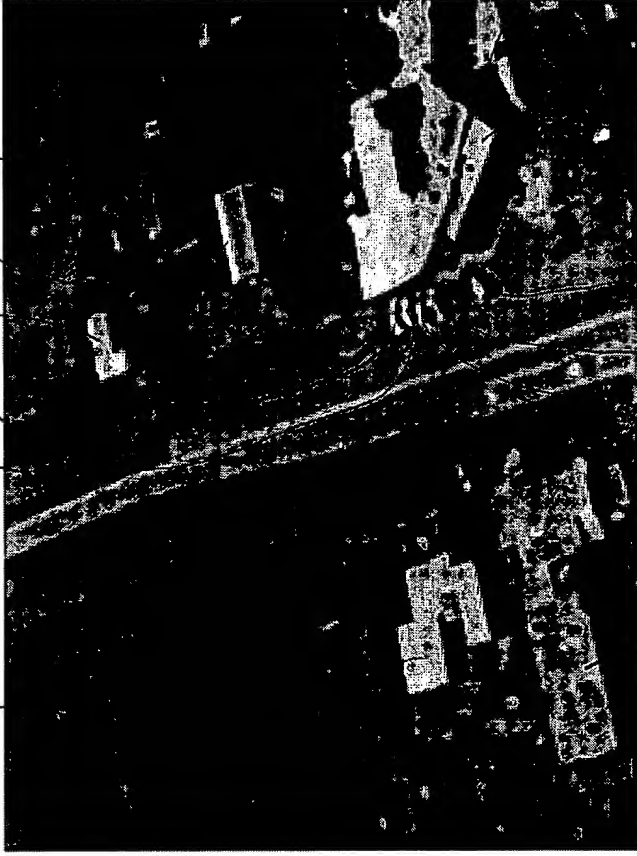


246 248 220 225 215



205 244 242 232 230 200

210 246 248 220 225 215



250 205 244 242 230 240 230

252

Input consists of 2 consecutive video frames

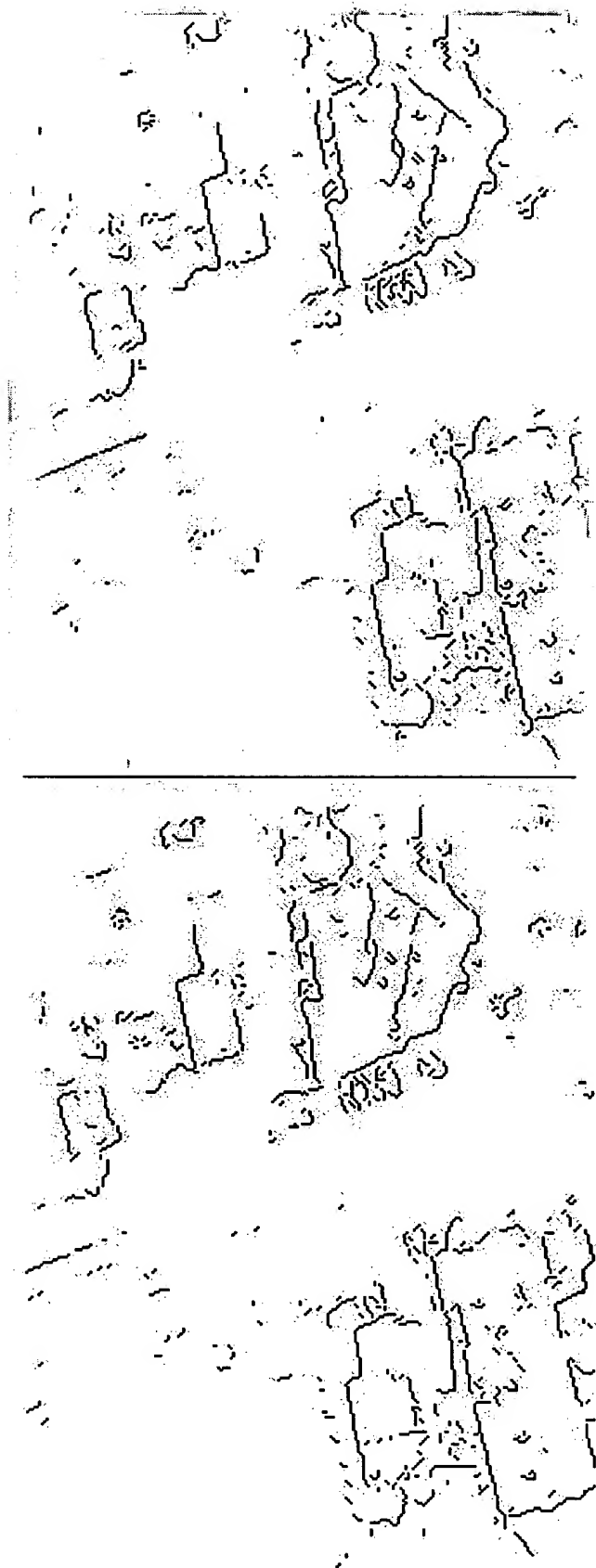


FIG. 3A

FIG. 3B

Consecutive Edge Detected Frames

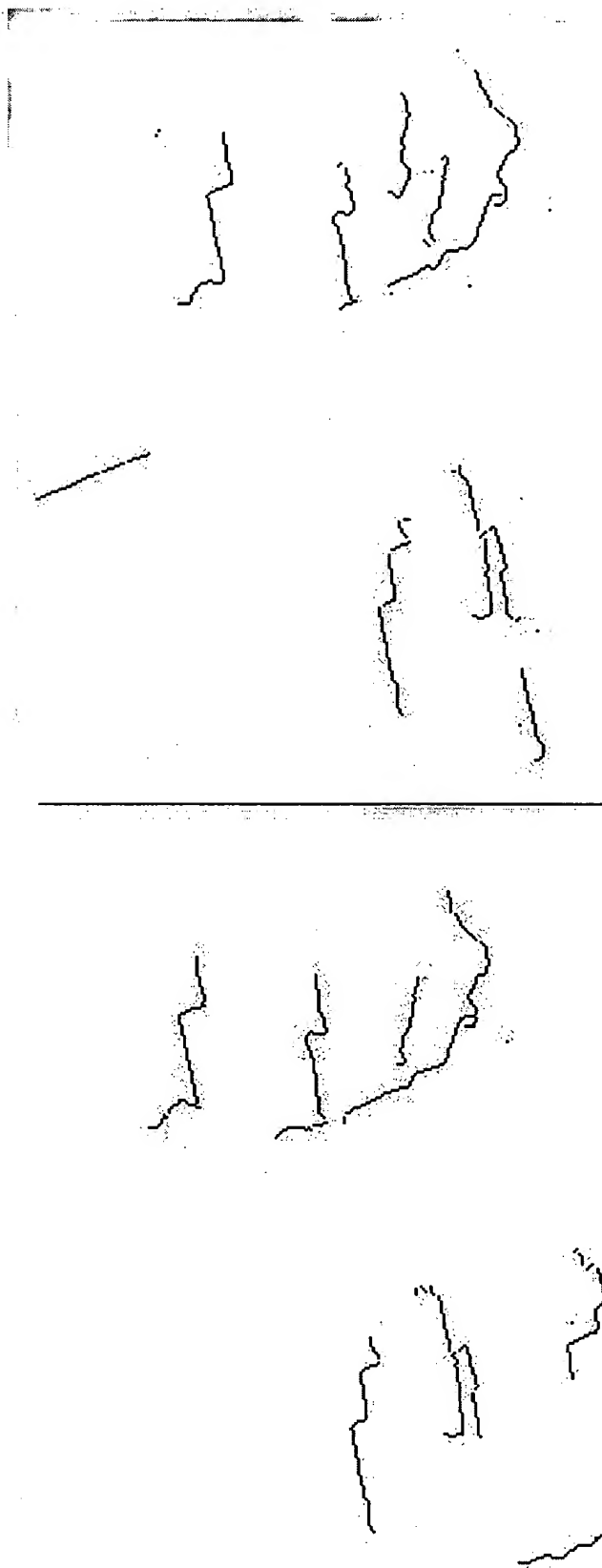


FIG. 4B

FIG. 4A

Consecutive Frames With Structures Identified

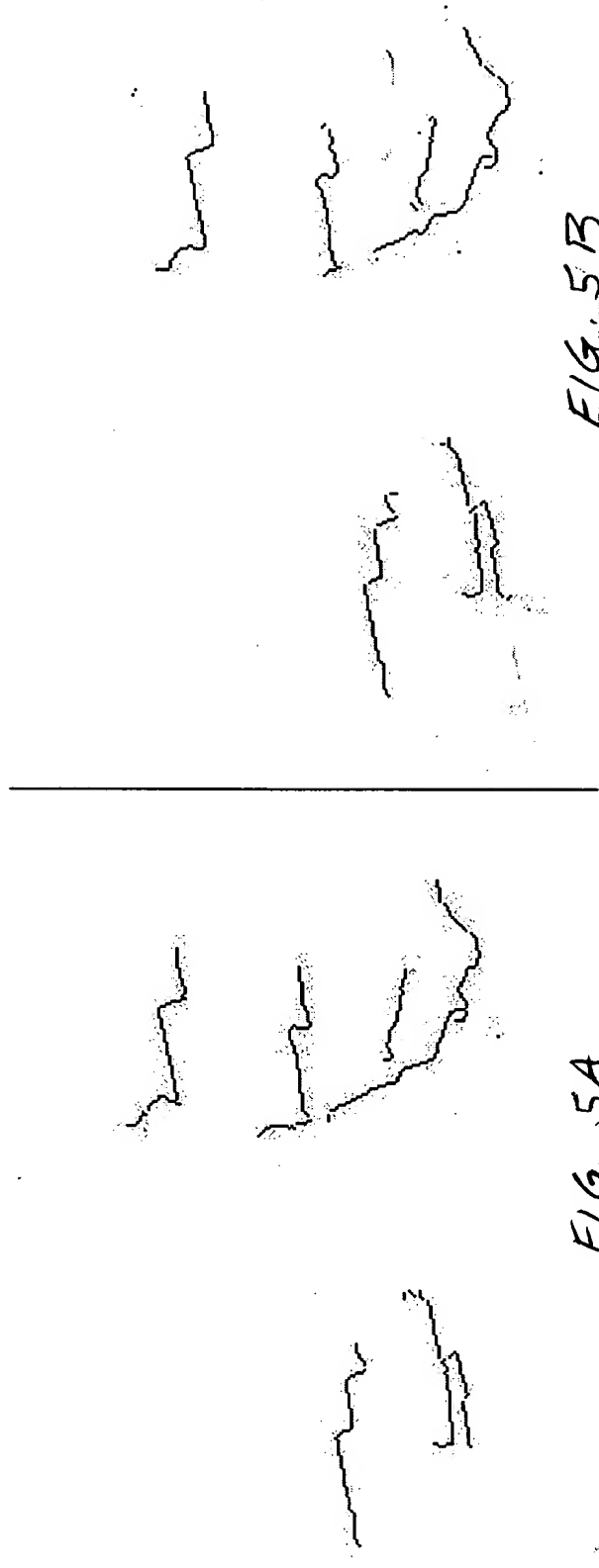


FIG. 5A

FIG. 5B

Consecutive Frames Showing Matched Structures

005250" B2742560

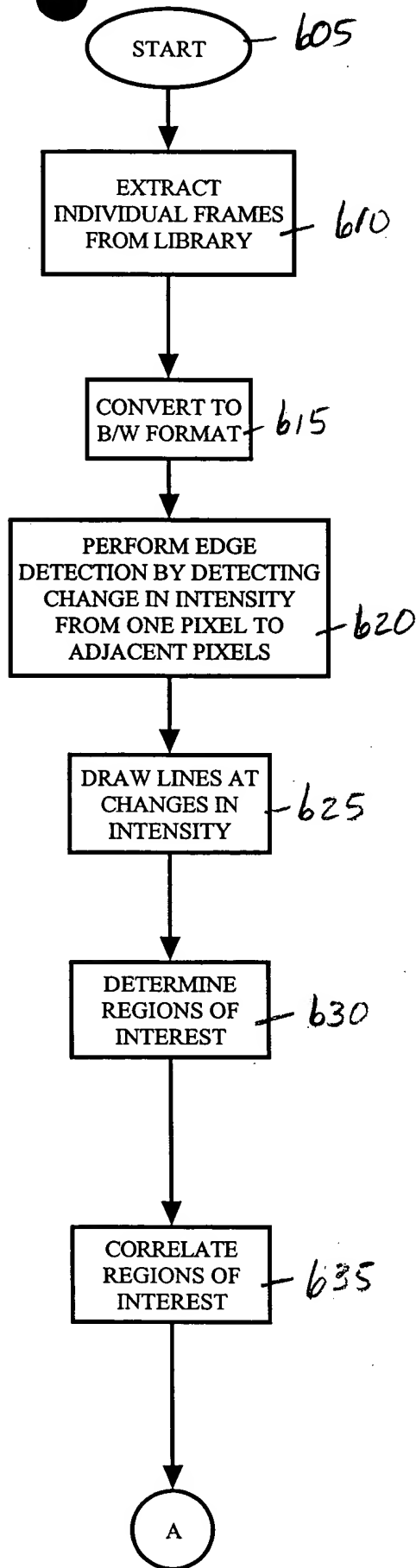


FIG. 6A

005250" B472560

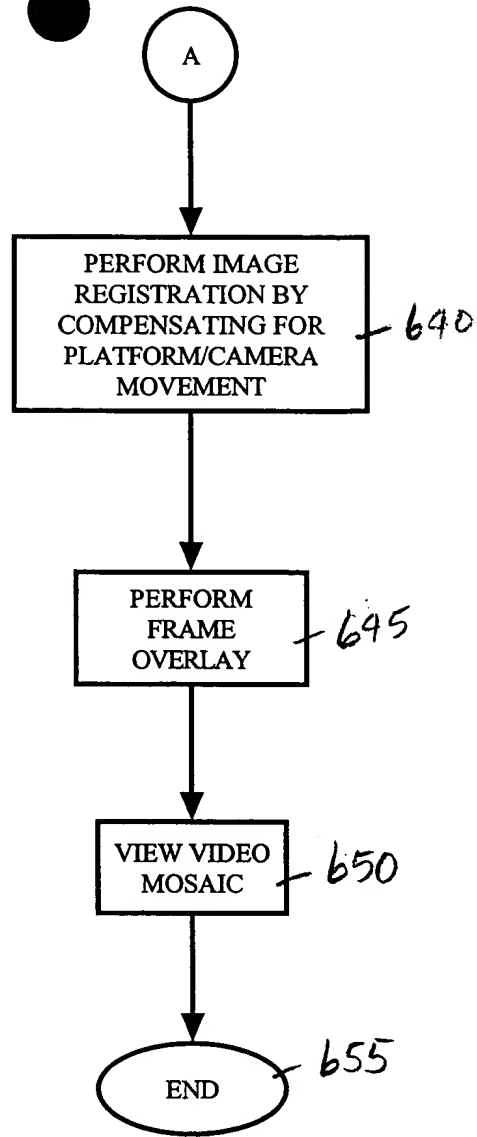


FIG. 6B

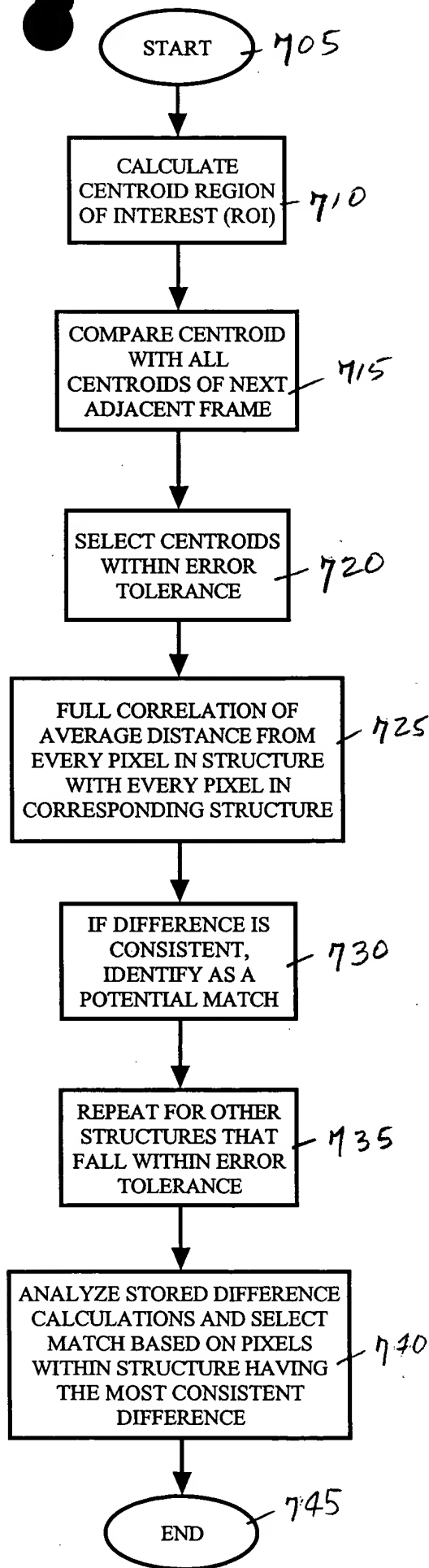


FIG. 7

005250" B2747560

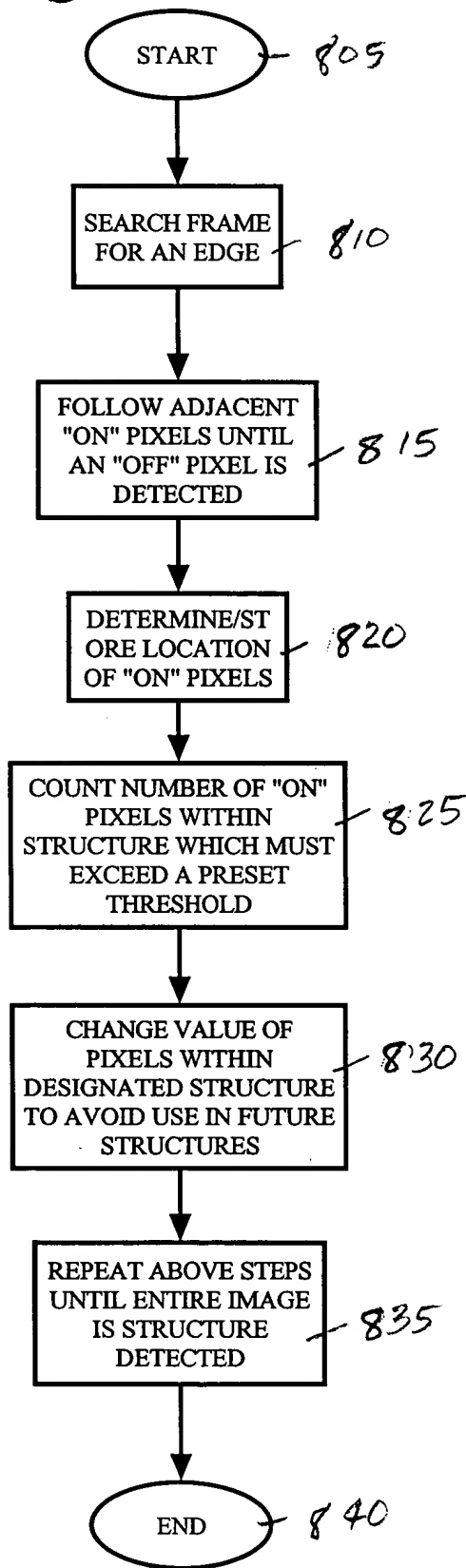
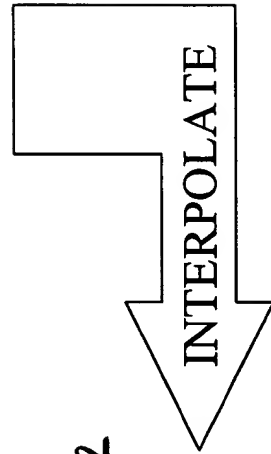
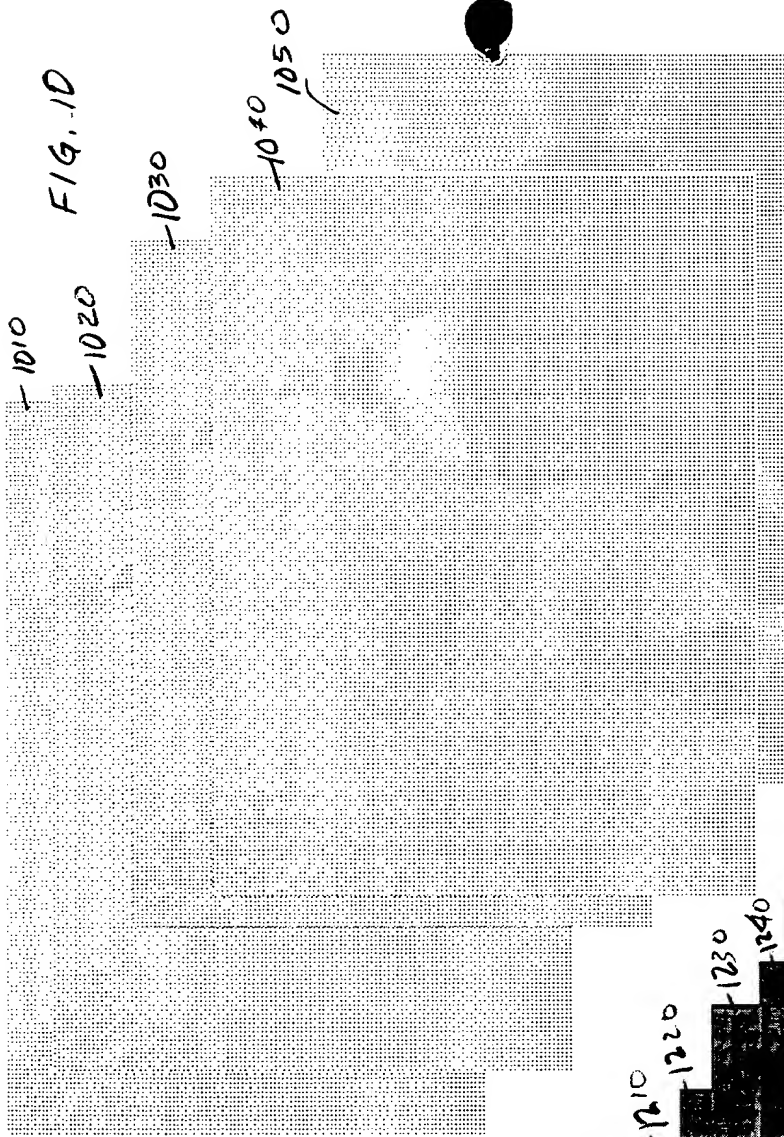
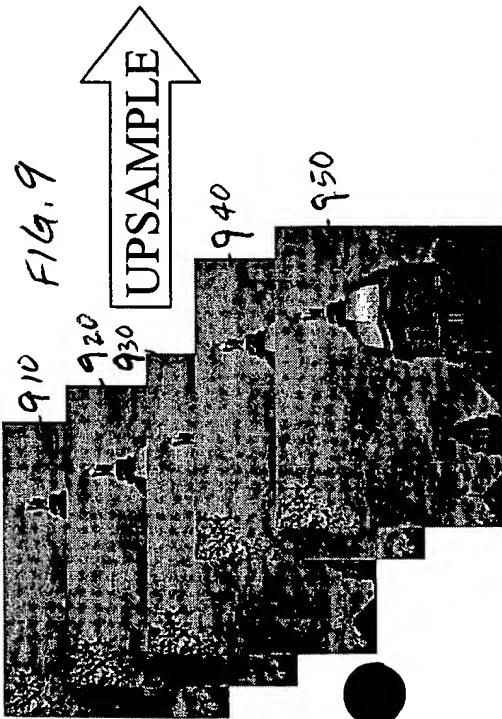


FIG. 8





X-Y ALIGN and
Median of 5 Filter

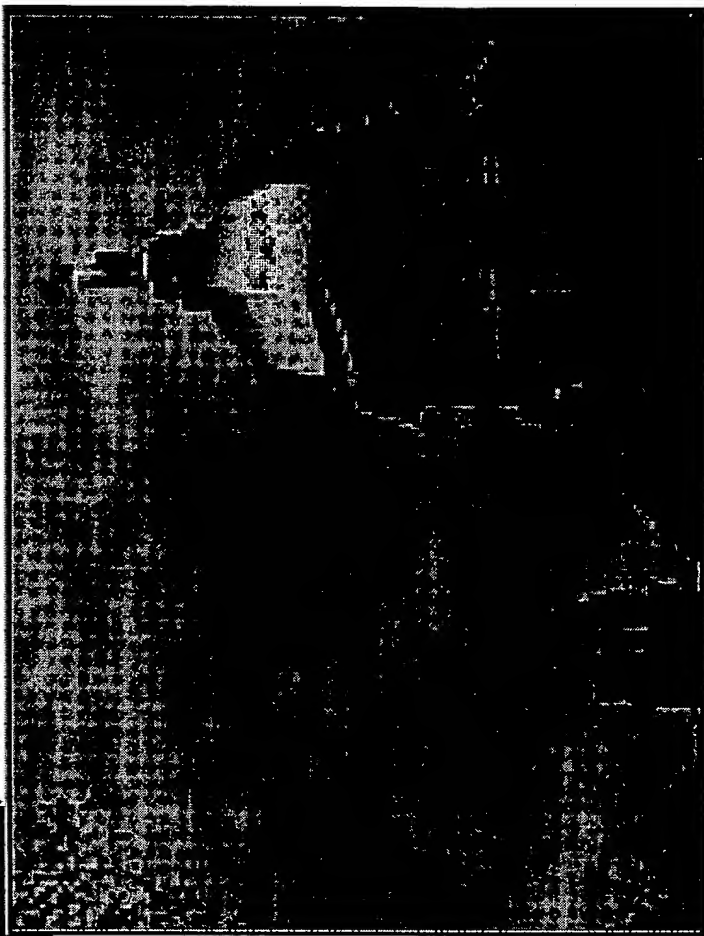
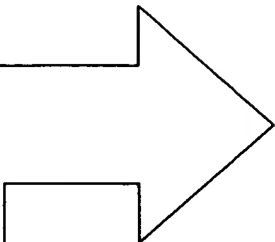


FIG. 13

1240 1250 FIG. 12

09577478.052500

1-1 .80	1-2 .75	1-3 .70	1-4 .65	1-5 .60
2-1 .80	2-2	2-3	2-4	2-5 .675
3-1 .80	3-2	3-3	3-4	3-5 .75
4-1 .80	4-2	4-3	4-4	4-5 .825
5-1 .80	5-2 .825	5-3 .85	5-4 .875	5-5 .90

FIG. 11

005250-8274

